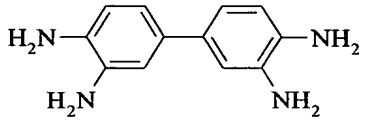
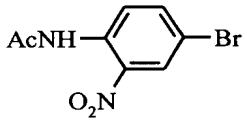
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A ~~novel~~ process for producing [[3,3′,4-4′-tetraminobiphenyl]] 3,3′,4,4′-tetraminobiphenyl (TAB) of formula 1 from 2-nitro-4-bromoacetamide (NBA) of formula [[1]] 2, said process comprising the steps of

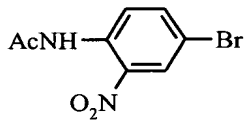


Formula-1

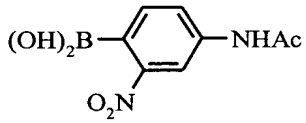


Formula 2

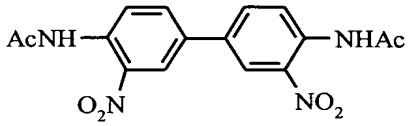
(a) reacting the substrate of formula 2 with nitro acetamido phenyl boronic acid (NABP) of formula 3 in the presence of a catalyst, a solvent and a base to obtain 3,3′, dinitro- 4,4′, diacetamidobiphenyl (DNDAcB) of formula 4,



[[**Formula 2**]]

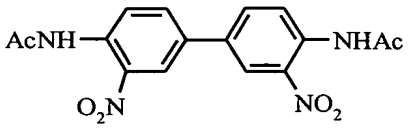


Formula 3

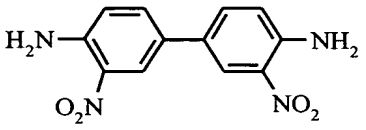


Formula 4

(b) hydrolyzing ~~hydrolysis of~~ said 3,3′, dinitro- 4,4′, diacetamidobiphenyl (DNDAcB) of formula 4 to obtain 3,3′, dinitro- 4,4′, diaminobiphenyl (DNDAB) of formula 5, and



[[**Formula 4**]]



Formula 5

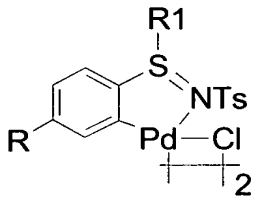
(c) reducing ~~reduction of~~ said 3,3′, dinitro- 4,4′, diaminobiphenyl (DNDAB) of formula 5 to obtain 3,3′,4-4′-tetraminobiphenyl (TAB) of formula 1.

2. (Original) The process as claimed in claim 1, wherein the reaction in step (a) is carried out under inert atmosphere ranging between 25°C - 200°C for a period in the range of 1 to 10 hrs.

3. (Currently Amended) The process as claimed in claim 1, wherein the solvent used is selected from the group consisting of toluene, dioxane, dimethylformamide, acetonitrile, acetone, water, [[methnol]] methanol, acetic acid and chlorinated solvents.

4. (Original) The process as claimed in claim 1, wherein the solvent and the base used in step (a) is preferably toluene and potassium carbonate respectively.

5. (Original) The process as claimed in claim 1, wherein the catalyst used is Palladacycle of formula 7 with turnover number in the range of 6-10.



Formula-7

6. (Original) The process as claimed in claim 1, wherein the reduction is carried out using reducing agents selected from the group consisting of $SnCl_2$ with HCl and H_2/Pd catalyst.

7. (Original) The process as claimed in claim 1, wherein hydrolysis and reduction is carried out preferably using sodium hydroxide and $SnCl_2$ / concentrated HCl respectively.

8-10. (Canceled)

11. (Currently Amended) The process as claimed in claim 1, wherein the yield of [[3,3′, 4-4′-tetraminobiphenyl]] 3,3′,4,4′-tetraminobiphenyl (TAB) is in the range of 60 to 84 %.